



Sequence Listing.ST25.txt
SEQUENCE LISTING

<110> wyeth (American Home Products)
Ozenberger, Bradley A
Sofia, Heidi
Jacobsen, Jack S
Jonathan , Bard A
Kajkowski, Eileen M
Walker, Stephen G

<120> BETA-AMYLOID PEPTIDE-BINDING PROTEINS AND POLYNUCLEOTIDES
ENCODING THE SAME

<130> 31896-066100 (AHP98126 1C1)

<150> US 09/172,990
<151> 1998-10-14

<150> US 09/060,609
<151> 1998-04-15

<150> US 60/064,583
<151> 1997-04-16

<160> 35

<170> PatentIn version 3.2

<210> 1
<211> 810
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)..(807)

<400> 1
atg cat att tta aaa ggg tct ccc aat gtg att cca cgg gct cac ggg 48
Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly
1 5 10 15
cag aag aac acg cga aga gac gga act ggc ctc tat cct atg cga ggt 96
Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly
20 25 30
ccc ttt aag aac ctc gcc ctg ttg ccc ttc tcc ctc ccg ctc ctg ggc 144
Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
35 40 45
gga ggc gga agc gga agt ggc gag aaa gtg tcg gtc tcc aag atg gcg 192
Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala
50 55 60
gcc gcc tgg ccg tct ggt ccg tct gct ccg gag gcc gtg acg gcc aga 240
Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
65 70 75 80
ctc gtt ggt gtc ctg tgg ttc gtc tca gtc act aca gga ccc tgg ggg 288
Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
85 90 95
gct gtt gcc acc tcc gcc ggg ggc gag gag tcg ctt aag tgc gag gac 336
Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp
100 105 110
ctc aaa gtg gga caa tat att tgt aaa gat cca aaa ata aat gac gct 384
Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala
115 120 125
acg caa gaa cca gtt aac tgt aca aac tac aca gct cat gtt tcc tgt 432
Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
130 135 140
ttt cca gca ccc aac ata act tgt aag gat tcc agt ggc aat gaa aca 480
Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr
145 150 155 160

Sequence Listing.ST25.txt

cat ttt act ggg aac gaa gtt ggt ttt ttc aag ccc ata tct tgc cga His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg 165 170 175	528
aat gta aat ggc tat tcc tac aaa gtg gca gtc gca ttg tct ctt ttt Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe 180 185 190	576
ctt gga tgg ttg gga gca gat cga ttt tac ctt gga tac cct gct ttg Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu 195 200 205	624
ggt ttg tta aag ttt tgc act gta ggg ttt tgt gga att ggg agc cta Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu 210 215 220	672
att gat ttc att ctt att tca atg cag att gtt gga cct tca gat gga Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly 225 230 235 240	720
agt agt tac att ata gat tac tat gga acc aga ctt aca aga ctg agt Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser 245 250 255	768
att act aat gaa aca ttt aga aaa acg caa tta tat cca taa Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro 260 265	810
 <210> 2 <211> 269 <212> PRT <213> Homo sapiens <400> 2	
Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly 1 5 10 15	
Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly 20 25 30	
Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly 35 40 45	
Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala 50 55 60	
Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg 65 70 75 80	
Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly 85 90 95	
Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp 100 105 110	
Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala 115 120 125	
Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys 130 135 140	
Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr 145 150 155 160	
His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg 165 170 175	

Sequence Listing.ST25.txt

Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe
180 185 190

Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu
195 200 205

Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu
210 215 220

Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly
225 230 235 240

Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser
245 250 255

Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro
260 265

<210> 3
<211> 21
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 3
ccatggatgc agaattccga c 21

<210> 4
<211> 32
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 4
aagcttgctg acttacgcta tgacaacacc gc 32

<210> 5
<211> 28
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 5
aagcttaaga tggatgcaga attccgac 28

<210> 6
<211> 20
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 6
ttaaatacca ctacaatgga 20

<210> 7
<211> 21
<212> DNA
<213> Artificial

<220>

Sequence Listing.ST25.txt

```

<223> PCR Primer
<400> 7
ttttcagtat ctacgattca t 21

<210> 8
<211> 21
<212> DNA
<213> Artificial

<220>
<223> PCR Primer
<400> 8
tttaataacca ctacaatgga t 21

<210> 9
<211> 29
<212> DNA
<213> Artificial

<220>
<223> PCR Primer
<400> 9
ctcgagttaa aatcgatctg ctcccaacc 29

<210> 10
<211> 26
<212> DNA
<213> Artificial

<220>
<223> PCR Primer
<400> 10
gaattccaaa aataaatgac gctacg 26

<210> 11
<211> 29
<212> DNA
<213> Artificial

<220>
<223> PCR Primer
<400> 11
ctcgagtcaa gatatgggct tgaaaaaac 29

<210> 12
<211> 30
<212> DNA
<213> Artificial

<220>
<223> PCR Primer
<400> 12
ccttccatgg aagtggcagt cgcattgtct 30

<210> 13
<211> 32
<212> DNA
<213> Artificial

<220>
<223> PCR Primer
<400> 13
aacactcgag tcaaaaccct acagtgcaaa ac 32

<210> 14

```

Sequence Listing.ST25.txt

```

<211> 22
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 14
gtggatccac tgcttcgagg at                22

<210> 15
<211> 28
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 15
gtcgacggtt gctatacagg acaagagg          28

<210> 16
<211> 22
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 16
gtggatccag tgcttcaatg at                22

<210> 17
<211> 28
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 17
gtcgactaaa tttgggcggt cccttctt        28

<210> 18
<211> 22
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 18
gtggatccac tgctttgagg gt                22

<210> 19
<211> 28
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 19
gtcgacggtc ttcttgcccc catcttcc        28

<210> 20
<211> 50
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

```

Sequence Listing.ST25.txt

```

<400> 20
atatggccat ggatgcagaa ttcggacatg actcaggatt tgaagttcgt      50

<210> 21
<211> 20
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 21
tgacctacag gaaagagtta      20

<210> 22
<211> 45
<212> DNA
<213> Homo sapiens

<400> 22
ccaggcggcc gccatcttgg agaccgacac tttctcgcca ctccc      45

<210> 23
<211> 24
<212> DNA
<213> Homo sapiens

<400> 23
gttatgttgg gtgctggaaa acag      24

<210> 24
<211> 44
<212> DNA
<213> Artificial

<220>
<223> Marathon Adaptor

<400> 24
ctaatacgac tcactatagg gctcgagcgg ccgcccgggc aggt      44

<210> 25
<211> 27
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 25
ccatcctaatac gactcact atagggc      27

<210> 26
<211> 23
<212> DNA
<213> Homo sapiens

<400> 26
ccagacggcc aggcggccgc cat      23

<210> 27
<211> 23
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 27
actcactata ggcctcgagc ggc      23

```

Sequence Listing.ST25.txt

```

<210> 28
<211> 23
<212> DNA
<213> Homo sapiens

<400> 28
gccgccatct tggagaccga cac                23

<210> 29
<211> 40
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 29
taatacgact cactataggg ttagaagaaa cagatttgag        40

<210> 30
<211> 40
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 30
attaaccctc actaaagga caagtggcaa cttgccttg        40

<210> 31
<211> 75
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 31
gcaggatccc caccatggag cagaagctga tcagcgagga ggacctgcat attttaaag        60
ggtctcccaa tgtga                                75

<210> 32
<211> 22
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 32
tcacggcctc cggagcagac gg                        22

<210> 33
<211> 33
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 33
tgggtgaattc gaaagtgtcg gtctccaaga tgg        33

<210> 34
<211> 33
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

```

Sequence Listing.ST25.txt

<400> 34
cttcgtcgac ttatggatat aattgcgttt ttc 33

<210> 35
<211> 34
<212> DNA
<213> Artificial

<220>
<223> PCR Primer

<400> 35
ggttgggagc agatgaattt taccttggat accc 34